

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1475	steering.ti. column clamp\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/27 10:08
S1	1561	(74/493).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/14 16:25
S2	1573	(280/775,777).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/14 16:26
S3	1	("6474189").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/14 16:26
S4	9	("3198030"   "3245282"   "4449419"   "5131287"   "5259264"   "5613404").PN. OR ("6474189").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/14 16:36
S5	1	("2003025315").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/14 16:37
S6	78	(S1 or S2) (steering adj column) (tub\$4 with (expand\$3 or protrud\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/14 16:39
S8	1210	(steering adj column) (expanded or swell\$3 or bulg\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/16 12:27
S9	986	S8 (shaft or rod or bolt or pin)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/14 17:54
S10	733	S9 (bracket or plate)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 14:38
S11	537	S10 (width or diameter)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/14 17:54

## EAST Search History

S12	203	S11 tilt\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/14 17:54
S13	29	("20020024208"   "20020026848"   "20020079685"   "20040075263"   "20040113408"   "20050173914"   "20050236825"   "20060097501"   "20060125224"   "20060151984"   "20060163861"   "20060170204"   "20060207380"   "5306032"   "5394767"   "5605351"   "5607184"   "5634662"   "5730465"   "5769453"   "5788277"   "5845936"   "5915726"   "6282978"   "6450531"   "6467807"   "6623036"   "6637771"   "6902192").PN. OR ("7219926").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/14 18:17
S14	22	("3394612"   "3600970"   "4228695"   "4914970"   "4991871"   "4998999"   "5074586"   "5209135"   "5464251").PN. OR ("5845936"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/27 10:07
S15	21	("3599757"   "3693997"   "4602520"   "4941679"   "5009120"   "5029489"   "5213003"   "5265906"   "5730465"   "5735631"   "5788277"   "5845936"   "5902186"   "6039350"   "6149526"   "6189405"   "6189919"   "6193612"   "6237439"   "6540429"   "6543266").PN. OR ("7228754"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/14 18:45
S16	1	10/207781.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/16 12:03
S17	2	"2001238198"	JPO	AND	ON	2007/09/16 12:04
S18	13	("1251965"   "4191488"   "4240305"   "4713861"   "4886391"   "4925210"   "5105677").PN. OR ("5735631").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/16 12:15
S19	112	(steering adj column) (tub\$4 with (expanded or swell\$3 or bulg\$3))	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/26 18:32
S20	1	("20030025315").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/16 13:47

## EAST Search History

S21	1	("5992263").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/16 13:47
S22	12	("3387865"   "4472982"   "5064219"   "5257813"   "5555772"   "5681127").PN. OR ("5992263"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/16 14:06
S23	0	"8276852"	JPO	AND	ON	2007/09/16 14:06
S24	19	("3881366"   "4244237"   "5361646"   "5461937"   "5527068"   "5555772"   "5655413"   "5787759"   "5979938"   "5988679").PN. OR ("6450531").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/16 15:07
S25	1360	(74/492).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/16 15:07
S26	38	S25 (tub\$4 with (expanded or swell\$3 or bulg\$3))	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/16 15:11
S27	58	(Sawada Naoki).in.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/16 15:11
S28	1561	(74/493).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/17 13:31
S29	1573	(280/775,777).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/17 13:31
S30	1360	(74/492).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/17 13:31
S31	179	(S28 or S29 or S30) ((column or tub\$4) with (diameter or width) with (larger or greater))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/17 13:33

## EAST Search History

S32	22	("3394612"   "3600970"   "4228695"   "4914970"   "4991871"   "4998999"   "5074586"   "5209135"   "5464251").PN. OR ("5845936").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 13:59
S33	29	("4475744"   "4481838"   "4633732"   "5009121"   "5090730"   "5439252"   "5520416"   "5527068"   "5555772"   "5606892"   "5711189"   "5813289"   "5820163"   "5845936"   "5979938"   "6019391"   "6167777"   "6189405"   "6324935").PN. OR ("6467807").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 14:02
S34	9	("3198030"   "3245282"   "4449419"   "5131287"   "5259264"   "5613404").PN. OR ("6474189").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 14:17
S35	1210	(steering adj column) (expanded or swell\$3 or bulg\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 15:05
S36	986	S35 (shaft or rod or bolt or pin)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 14:38
S37	733	S36 (bracket or plate)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 14:38
S38	537	S37 (width or diameter)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 14:39
S39	112	(steering adj column) with (expanded or swell\$3 or bulg\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/24 15:20
S42	505	steering.ti. (column with (width or diameter))	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/24 15:21
S43	5	("5117707"   "5199319"   "5338064").PN. OR ("6282978").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/24 16:44
S44	7	("4279176"   "5078022"   "5143402"   "5144855"   "5282394"   "5409261"   "5452624").PN. OR ("5657668").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/25 11:58
S45	1211	(steering adj column) (expanded or swell\$3 or bulg\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/25 12:13

## EAST Search History

S48	1361	(74/492).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/25 14:01
S49	1561	(74/493).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/25 14:01
S50	83	(S48 or S49) ((column or tube or jacket or housing) with (expanded or bulge))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/25 14:02
S51	1	10/207781.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/25 14:33
S52	1573	(280/775,777).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/26 18:00
S53	1361	(74/492).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/26 18:00
S54	1561	(74/493).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/09/26 18:00
S55	10	(S52 or S53 or S54) hydroforming	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/26 18:03
S56	189	(steering adj column) (clamping with force) (diameter or width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/09/26 18:04
S57	224	(S53 or S54) expand\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/26 18:32